

457 Rec'd PCT/PTO 24 MAR 2006

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 514862003100
INTERNATIONAL APPLICATION NO. PCT/SE2005/001336	INTERNATIONAL FILING DATE 14 September 2005	U.S. APPLICATION NO. (if known, see 35 U.S.C. 1.5) Not Yet Assigned
TITLE OF INVENTION COMPOSITIONS AND METHODS		
APPLICANT(S) FOR DO/EO/US AGVALD, Per; LINNARSSON, Dag; ADDING, Cristofer; GUSTAFSSON, Lars; NILSSON, Kristofer		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2))</p> <p>a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau) Spec/Claims/Abstract (53 pgs); Drawings (13 sheets); ISR (12 pgs); & Written Opinion (13 pgs)</p> <p>b. <input type="checkbox"/> has been communicated by the International Bureau.</p> <p>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</p> <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).</p> <p>a. <input type="checkbox"/> is attached hereto.</p> <p>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))</p> <p>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</p> <p>b. <input type="checkbox"/> have been communicated by the International Bureau.</p> <p>c. <input checked="" type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</p> <p>d. <input type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). (2 pgs) UNSIGNED</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p> <p>Items 11 to 20 below concern document(s) or information included:</p> <p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. (3 pgs) & PTO/SB/08a/b (1 pg) 7 refs/1 ISR</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A preliminary amendment. (8 pgs)</p> <p>14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. (4 pgs)</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p>		

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20: <input checked="" type="checkbox"/> Other items or information: RETURN RECEIPT POSTCARD 10/573335																													
U.S. APPLICATION NO. (if known, see 37 CFR 1.5) Not Yet Assigned		INTERNATIONAL APPLICATION NO. PCT/SE2005/001336		ATTORNEY'S DOCKET NUMBER 514862003100																									
The following fees have been submitted																													
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a)) \$300				CALCULATIONS \$ 300.00																									
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$0 All other situations \$200				PTO USEONLY \$ 200.00																									
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority \$100 International Search Report prepared and provided to the Office \$400 All other situations \$500				\$ 400.00																									
TOTAL OF 21, 22 and 23 = \$ 900.00																													
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.																													
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)		RATE																									
52	- 100 = -0-	/50 =		x \$250.00																									
Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)). \$ 0.00																													
<table border="1"> <thead> <tr> <th>CLAIMS</th> <th>NUMBER FILED</th> <th>NUMBER EXTRA</th> <th colspan="2">RATE</th> </tr> </thead> <tbody> <tr> <td>Total claims</td> <td>35-20 =</td> <td>15</td> <td>x</td> <td>50.00</td> </tr> <tr> <td>Independent claims</td> <td>5 - 3 =</td> <td>2</td> <td>x</td> <td>200.00</td> </tr> <tr> <td colspan="3">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td>+</td> <td>360.00</td> </tr> <tr> <td colspan="5"> TOTAL OF ABOVE CALCULATIONS = \$ 2,050.00 </td> </tr> </tbody> </table>					CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		Total claims	35-20 =	15	x	50.00	Independent claims	5 - 3 =	2	x	200.00	MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+	360.00	TOTAL OF ABOVE CALCULATIONS = \$ 2,050.00				
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<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½. 1,025.00																													
SUBTOTAL = \$ 1,025.00																													
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)). \$ 0.00																													
TOTAL NATIONAL FEE = \$ 1,025.00																													
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + 0.00																													
TOTAL FEES ENCLOSED = \$																													
				Amount to be refunded: \$																									
				Amount to be charged \$																									
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.																													
b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. 03-1952 in the amount of \$ 1,025.00 to cover the above fees. A duplicate copy of this sheet is enclosed.																													
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 03-1952 . A duplicate copy of this sheet is enclosed.																													
d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038																													
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.																													

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SEND ALL CORRESPONDENCE TO:

SIGNATURE

MICHAEL R. WARD

NAME

CUSTOMER NO. 20872

REG. NO. 38,651

Date: March 24, 2006

Certificate of Mailing

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage via Express Mail, Label No. EV 513 653 013 US in an envelope addressed to: PCT/DO/EO/US, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: March 24, 2006

Signature:

(LILIA OLSEN)